



Attorney Docket No. 0756-2095

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Shunpei YAMAZAKI

Serial No. 09/499,619

Filed: February 7, 2000

For: ELECTRO-OPTICAL DEVICE AND  
METHOD FOR MANUFACTURING  
THE SAME

) Group Art Unit: 2814

) Examiner: N. Ngo

) CERTIFICATE OF MAILING

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**INFORMATION DISCLOSURE STATEMENT**

Honorable Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the provisions of 37 C.F.R. 1.56 and 37 C.F.R. 1.97-1.99, Applicant submits herewith a Form PTO-1449 listing information known to Applicant and requests that this information be made of record in the above identified application. Copies are submitted herewith in accordance with 37 C.F.R. 1.98(a).

An English abstract of JP 54-154992 was submitted with the Information Disclosure Statement filed on October 24, 2001. A full English translation is submitted herewith. The Examiner is directed to page 4, lines 6-9 of the English translation.

JP 58-088787 was recently cited by the Japanese Patent Office against a counterpart Japanese application.


The remaining references were submitted to the Japanese Patent Office in connection with the features of "the analog switch" and "the CMOS transmission gate." In particular, the *Semiconductor Handbook*, Basic Circuit of Analog Switch, describes an analog switch circuit using the CMOS transmission gate shown in Fig. 11.65(d). The analog switch circuit of Fig. 11.65(d) drives the switch consisting of Tr3 and Tr4, by

providing a pair of gate pulses each of which has opposite polarity to the other. The pair of gate pulses are provided by inputting the gate input pulse to the inverter circuit consisting of Tr1 and Tr2. English translations of the drawings of the reference are shown on the copy of the reference by manuscript.

This Information Disclosure Statement is being submitted with an RCE. Therefore, no fee is required.

The Commissioner is hereby authorized to charge fees under 37 C.F.R. §§1.16, 1.17, 1.20(a), 1.20(b), 1.20(c), and 1.20(d) (except the Issue Fee) which may be required now or hereafter, or credit any overpayment to Deposit Account No. 50-2280. A duplicate copy of this sheet is attached.

Respectfully submitted,

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PTO/SB/08A (08-00)

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Substitute for form 1449A/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				Application Number	09/499,619
				Filing Date	February 7, 2000
				First Named Inventor	Shunpei YAMAZAKI
				Group Art Unit	2814
				Examiner Name	N. Ngo
Sheet	1	of	1	Attorney Docket Number	0756-2095

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			

FOREIGN PATENT DOCUMENTS								
Examiner Initials <sup>*</sup>	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
		JP	58-088787			05/26/1983		Full
		JP	54-154992			12/16/1979		Full
		JP	64-010711			01/13/1989		Abst.
		JP	01-236731			09/21/1989		Abst.
		JP	02-067817			03/07/1990		Abst.

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		H. YANAI, 3.3.2 <i>Basic Circuit of Analog Switch</i> , Semiconductor Handbook, 2 <sup>nd</sup> Edition, Pages 842-843, 1977.	Concise Statement

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.